



Water-Data Report 2012

03029000 CLARION RIVER AT RIDGWAY, PA

Allegheny Basin
Clarion Subbasin

LOCATION.--Lat 41°25'15", long 78°44'10" referenced to North American Datum of 1927, Elk County, PA, Hydrologic Unit 05010005, at bridge on State Highway 948 in Ridgway, 300 ft downstream from Elk Creek.

DRAINAGE AREA.--303 mi².

SURFACE-WATER RECORDS

PERIOD OF RECORD.--1940-1953 (continuous-record gaging station), 1954 to 1993 (measurements only), 1994 to current year (peak discharge).

GAGE.--Water-stage recorder and crest-stage gage. Datum of gage is 1354.88 ft above National Geodetic Vertical Datum of 1929 (from benchmark). Satellite telemetry at station. Prior to Oct 12, 1962, at site 200 ft upstream, at datum 6.74 ft higher.

COOPERATION.--Funding for the operation of this station is provided by Brookfield Power.

REMARKS.--Flow regulated since June 1952 by East Branch of Clarion River Lake and at low flow by industrial plant above station. Several measurements of water temperature were made during the year.

EXTREMES FOR PERIOD OF RECORD.--(1940-1953, 1994 to current year) Discharge, 34,000 ft³/s, gage height, 16.4 ft, on July 19, 1942 at site and datum then in use.

PEAK DISCHARGES FOR CURRENT YEAR.--

**MAXIMUM PEAK DISCHARGE
WATER YEAR OCTOBER 2011 TO SEPTEMBER 2012**

Date	Discharge, in ft ³ /s	Discharge qualification code	Gage height, in ft	Gage height qualification code
Nov 23, 2011	3,170	6	8.79	---

Discharge qualification code:

6 - Discharge affected by regulation or diversion